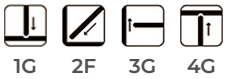
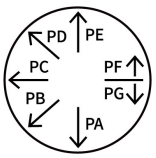
SL-71

Classification

AWS AWS A5.20 / ASME SFA-5.20 E71T-1C/-9C H4
EN ISO 17632-A T 46 3 P C1 1 H5

Welding Positions





Features

- Designed for welding with 100%CO2 shielding gas
- Prevents the weld from hydrogen induced cracking or cold cracking.

Polarity

DC +

Application Areas

- Shipbuilding
- Steel construction
- Offshore

Shielding Gas

100% CO2

Approvals

LR	RINA	CE
✓	✓	✓

Typical Chemical Composition of All-Weld Metal (wt%)

Shielding Gas	C	Si	Mn	P	S
100% CO2	0.03	0.34	1.44	0.022	0.003

Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Yield Strength MPa(ksi)	Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
100% CO2	536 (77)	599 (86)	25	-20 (0) -30(-20)	86(60) 65(48)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)	Packaging
1.2 (0.045)	120~300	Spool 5kg(11lbs), 12.5(27.6lbs), 15kg(33lbs)
1.4 (0.052)	150~350	
1.6 (1/16)	150~366	